



Patent
Attorney's Docket No. 028723-060

17/D
Penny
12/13/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Joe GRAY et al) Group Art Unit: 1634
Application No.: 08/477,316) Examiner: A. Marschel
Filed: June 7, 1995)
For: CHROMOSOME-SPECIFIC)
STAINING TO DETECT)
GENETIC REARRANGEMENTS)
ASSOCIATED WITH CHROMOSOME)
3 AND/OR CHROMOSOME 17)

REPLY AND AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Official Action dated June 30, 1998, kindly
amend the above identified application as follows:

IN THE CLAIMS:

Please delete claim 49 without prejudice or disclaimer.

Please amend claims 1, 48 and 50 as follows:

Sub E1
1. (Thrice Amended) A method of staining targeted interphase
chromosomal material based upon a nucleic acid segment employing a unique sequence
high complexity nucleic acid probe of greater than about 50,000 bases, wherein said
targeted chromosomal material is a genetic rearrangement associated with chromosome 3